

ABSTRACT OF THE DISCLOSURE

A drawing of a system having plural components that are combined is formed based on components in a computer having a volatile memory and diagram data having drawings of the components. Information about the arrangement of the components on the drawing is received. Drawing information of the system is produced as a bitmap object by a processor of the computer, based on the received component arrangement information and the component diagram data. The volatile memory stores the bitmap object. The stored bitmap object is transmitted as an image.